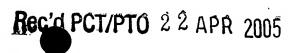
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## INTERNATIONAL SEARCH REPORT

International application No.

	· 	·	PCT/JE	203/13461
A. CLASS Int.	SIFICATION OF SUBJECT MATTER .Cl <sup>7</sup> G11B5/73, G11B5/84, C03C1	.5/00, C03C19/	'00, C03C23	/00
	to International Patent Classification (IPC) or to both n	national classification an	id IPC	
	S SEARCHED			
int.	documentation searched (classification system followed . C1 G11B5/62-5/858, C03C15/00	0-23/00	•	
Koka	tion searched other than minimum documentation to the uyo Shinan Koho 1926-1996 i Jitsuyo Shinan Koho 1971-2004	Jitsuyo Shina Toroku Jitsuyo	n Toroku Koho o Shinan Koho	0 1996-2004 0 1994-2004
Electronic d	data base consulted during the international search (nam	ne of data base and, who	ere practicable, sear	rch terms used)
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	ppropriate, of the relevan	nt passages	Relevant to claim No.
Y	JP 2002-133649 A (Nippon She 10 May, 2002 (10.05.02), Par. Nos. [0035] to [0071], Fig. 1 (Family: none)	eet Glass Co.		1-17
Y	JP 2002-251716 A (Nippon She 06 September, 2002 (06.09.02) Par. Nos. [0032] to [0045]; F & US 2002/0127432 A	) .	, Ltd.),	1,7,10-17
<b>Y</b>	JP 2001-341058 A (Nihon Micr 11 December, 2001 (11.12.01), Par. Nos. [0024] to [0025], & US 6491572 B			1,7,10-17
× Furtner	r documents are listed in the continuation of Box C.	See patent family	y annex.	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of mailing of the international search report		
04 M	arch, 2004 (04.03.04)	Date of mailing of the 23 March,	international search 2004 (23.	h report 03 . 04)
Name and m Japa	nailing address of the ISA/ nese Patent Office	Authorized officer		

Telephone No.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/13461

Du I Observations where terrain claims were found unsearchable (Continuation of item 2 of inst speet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. Claims Nos.:				
because they relate to subject matter not required to be searched by this Authority, namely:				
<ol> <li>Claims Nos.:</li> <li>because they relate to parts of the international application that do not comply with the prescribed requirements to such an</li> </ol>				
extent that no meaningful international search can be carried out, specifically:				
3. Claims Nos.:				
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:  Claims 1-12 relate to a method for manufacturing a glass substrate for				
an information recording medium, especially to a method characterized in				
that the composition of a surface layer of the glass substrate is				
adjusted so that the silicon oxide content in the surface layer is higher than that in the other part of the glass substrate.				
nigher chair that in the other part of the grass substrace.				
Claims 13-17 relate to a glass substrate for an information recording				
medium, especially to a glass substrate characterized by the relation between the arithmetic average roughness and the maximum profile peak height of the glass substrate surface.				
1. As all required additional scarch fees were timely paid by the applicant, this international search report covers all searchable				
claims.				
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment				
of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers				
only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is				
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest.				
No protest accompanied the payment of additional search fces.				



International application No. PCT/JP03/13461

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	JP 2001-294447 A (Nippon Electric Glass Co., Ltd.), 23 October, 2001 (23.10.01), Par. Nos. [0018] to [0019] (Family: none)	5,9
A	JP 5-342532 A (Hitachi, Ltd.), 24 December, 1993 (24.12.93), Par. Nos. [0013] to [0017]; Figs. 1 to 4 (Family: none)	1-17
		·
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